

Title (en)

Power supply unit, distributed power supply system and electric vehicle loaded therewith

Title (de)

Stromversorgungseinheit, System mit verteilter Stromversorgung und diese enthaltendes elektrisches Fahrzeug

Title (fr)

Système d'alimentation de courant, système d'alimentation en courant distribuée et véhicule électrique comportant ce système

Publication

EP 1315227 A2 20030528 (EN)

Application

EP 02008275 A 20020419

Priority

JP 2001357879 A 20011122

Abstract (en)

A power supply unit, a distributed power supply system and an electric vehicle loaded therewith, capable of charge/discharge operation are disclosed. A first cell group (101) is connected in parallel to a second cell group (102) in which the electrolytic solution can be electrolyzed or the generated gas can be recombined. A plurality of the parallel circuit pairs are connected in series, and the series circuit is connected with a charger/discharger (103) to constitute the power supply unit. The charger/discharger charges the power supply unit up to a voltage at which the electrolytic solution of the second cell group is electrolyzed or the generated gas is recombined.

IPC 1-7

H01M 10/44; **H01M 16/00**; **H02J 7/00**; **B60L 11/18**

IPC 8 full level

H02J 7/02 (2016.01); **B60L 11/18** (2006.01); **H01M 10/44** (2006.01); **H01M 10/52** (2006.01); **H01M 16/00** (2006.01); **H02J 7/00** (2006.01); **H02J 7/34** (2006.01); **H01M 10/06** (2006.01); **H01M 12/06** (2006.01)

CPC (source: EP KR US)

B60L 50/50 (2019.02 - KR); **B60L 53/11** (2019.02 - EP US); **B60L 58/15** (2019.02 - EP US); **B60L 58/20** (2019.02 - EP US); **B60L 58/22** (2019.02 - EP US); **H01M 10/441** (2013.01 - EP US); **H01M 10/52** (2013.01 - EP US); **H01M 16/00** (2013.01 - EP US); **H02J 7/0014** (2013.01 - EP US); **B82Y 40/00** (2013.01 - KR); **H01M 10/05** (2013.01 - EP US); **H01M 10/06** (2013.01 - EP US); **H01M 12/06** (2013.01 - EP US); **H01M 2250/20** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - US); **Y02T 90/14** (2013.01 - EP US); **Y02T 90/40** (2013.01 - EP US)

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Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

US 2003094928 A1 20030522; **US 6747438 B2 20040608**; EP 1315227 A2 20030528; EP 1315227 A3 20061220; JP 2003164068 A 20030606; JP 3809549 B2 20060816; KR 100879762 B1 20090121; KR 20030043578 A 20030602; US 2003094923 A1 20030522; US 2003094926 A1 20030522; US 2004160209 A1 20040819; US 2005083722 A1 20050421; US 6680600 B2 20040120; US 6700349 B2 20040302; US 6917181 B2 20050712; US 6977480 B2 20051220

DOCDB simple family (application)

US 26669802 A 20021009; EP 02008275 A 20020419; JP 2001357879 A 20011122; KR 20020021221 A 20020418; US 26669102 A 20021009; US 78068504 A 20040219; US 8364502 A 20020227; US 98486204 A 20041110